IAP7 Rec'd PCT/PTO 11 APR 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

1	ANSMITTAL LETTER TO THE UNITED STATES	ATTORNEY'S DOCKET NUMBER 4208-28					
	DESIGNATED/ELECTED OFFICE (DO/EO/US)	U.S. APPLICATION NO. (If known, see 37 CFR 1.5)					
	ICERNING A SUBMISSION UNDER 35 U.S.C. 371	10/566,683					
PCT	TIONAL APPLICATION NO. INTERNATIONAL FILING DATE (SE2004/001797 3 December 2004	PRIORITY DATE CLAIMED 3 December 2003					
	TITLE OF INVENTION METHOD AND DEVICE FOR MANAGING BATTERIES OF A BATTERY SYSTEM						
APPLICA	NT(S) FOR DO/EO/US Börje MALEUS						
Applican	t herewith submits to the United States Designated/Elected Office (DO/E	O/US) the following items and other information:					
1.	This is a FIRST submission of items concerning a submission under 35 U.S.C. 37	1.					
2. X	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.						
3.	This is an express request to begin national examination procedures (35 U.S.C. 37 (5), (6), (9) and (21) indicated below.	71(f)). The submission must include items					
4.	The US has been elected (Article 31).						
5.	A copy of the International Application as filed (35 U.S.C. 371(c)(2))						
	a. is attached hereto (required only if not communicated by the Internatio	nal Bureau).					
	b. has been communicated by the International Bureau.						
	c. is not required, as the application was filed in the United States Receiving Office (RO/US).						
6. 🗆	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).						
	a. is attached hereto.						
	b. has been previously submitted under 35 U.S.C. 154(d)(4).						
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))						
	a. are attached hereto (required only if not communicated by the International Bureau).						
	b. have been communicated by the International Bureau.						
	c. have not been made; however, the time limit for making such amendments has NOT expired.						
	d. have not been made and will not be made.						
8.	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).						
9. X	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).						
10.	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).						
Items 11 to 20 below concern document(s) or information included:							
11.	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.						
12. X	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.						
13.	A preliminary amendment.						
14.	An Application Data Sheet under 37 CFR 1.76.						
15.	A substitute specification.						
16. 🔲	A power of attorney and/or change of address letter.						
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.						
18.	A second copy of the published International Application under 35 U.S.C. 154(d)(4).						
19.	A second copy of the English language translation of the international application	n under 35 U.S.C. 154(d)(4).					

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

20. Other items or information: The following fees have been submitted 21.	U.S. APPLICATION N	NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER		
The following fees have been submitted 21.	10/5	566,683	PCT/SE2004/	001797	4208–28		
21. Basic national fee (37 CFR 1.492(a))	20. Other items or information:						
21. Basic national fee (37 CFR 1.492(a))							
22. Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)	The following	fees have been submitted	· · · · · · · · · · · · · · · · · · ·		CALCULATIONS	PTO USE ONLY	
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)	21. Basic nati	ional fee (37 CFR 1.492(a))	\$300	\$			
by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)	22. Examination						
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)	If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)						
TOTAL OF 21, 22 and 23 = Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Total Sheets Extra Sheets Number of each additional 50 or fraction thereof (round up to a whole number) 23 -100 = /50 = x \$250 \$ Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)). CLAIMS NUMBER FILED NUMBER EXTRA RATE Total claims -20 = x \$50 \$ Independent claims -3 = x \$200 \$ MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360 \$ TOTAL OF ABOVE CALCULATIONS = \$ X Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. SUBTOTAL = \$ Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest	23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)						
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Total Sheets Extra Sheets Number of each additional 50 or fraction thereof. RATE 23 - 100 =	All other situations		······				
sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Total Sheets Extra Sheets Number of each additional 50 or fraction thereof (round up to a whole number) 23 - 100 = /50 =	тот	AL OF 21, 22 and 23 =		atudia a			
Total Sheets Extra Sheets Number of each additional 50 or fraction thereof (round up to a whole number) 23 - 100 = /50 = x\$250 \$ Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)). CLAIMS NUMBER FILED NUMBER EXTRA RATE \$ Total claims -20 = x\$50 \$ Independent claims -3 = x\$200 \$ MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360 \$ TOTAL OF ABOVE CALCULATIONS = \$ Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. SUBTOTAL = \$ Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest \$	sequence listing electronic med	ing in compliance with 37 CFR 1 dium) (37 CFR 1.492(j)).		·			
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)). CLAIMS NUMBER FILED NUMBER EXTRA RATE Total claims -20 =		a Sheets Number of each additional 50 or fraction RATE					
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)). CLAIMS NUMBER FILED NUMBER EXTRA RATE \$ Total claims -20 =	23 - 100 =	/50 =	x \$250		\$	1	
Total claims - 20 =	Surcharge of \$130.00		oath or declaration	\$			
Independent claims -3 =	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$		
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360 \$ TOTAL OF ABOVE CALCULATIONS = \$ Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. SUBTOTAL = \$ Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest \$	Total claims	- 20 =		x \$ 50	\$	_	
TOTAL OF ABOVE CALCULATIONS = \$ Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. SUBTOTAL = \$ Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest \$	Independent claims	-3=		× \$200	\$		
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. SUBTOTAL = \$ Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest \$	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$		
SUBTOTAL = \$ Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest \$ \$			\$				
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest	Applicant claims:	small entity status. See 37 CFR					
Licialmed priority date (3/ UER 1 4970).			\$				
TOTAL NATIONAL FEE = \$							
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property							
TOTAL FEES ENCLOSED = \$ 40.00			\$ 40.00				
Amount to be refunded:						\$	
Amount to be charged \$				\$			

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a Valid OMB control number.

a. X	A check in the amount of \$ 40.00	_ to cover the above fees is enclosed.				
b. 🗆	Please charge my Deposit Account NoA duplicate copy of this sheet is enclosed.	in the amount of \$ to cover the above fees.				
c. X	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. $14-1140$. A duplicate copy of this sheet is enclosed.					
d. 🔲	Fees are to be charged to a credit card. WARNING : Information on this form may become public. Credit card information should not be included on this form . Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.						
SEND A	ALL CORRESPONDENCE TO:	Flealle Beer O				
	Customer Number: 23117	SIGNATURE H. WARREN BURNARD, JR				
Tele JRL:	ephone: (703) 816-4000 esd	John R. Lastova NAME Reg 29,36 (33,149 REGISTRATION NUMBER Date				
i		·				